

Olds College is looking for a dynamic Research Scientist, Pathology in our Lacombe, Alberta location. This is a professional research position in plant pathology, as part of a multidisciplinary team. Responsibilities will be in the areas of cereal diseases, mainly focused on barley and triticale. Emphasis will be placed on the development of durable genetic resistance, pathogen identification and genetics, and cultural practices and their impacts to control diseases in an integrated pest management program.

Key Job Functions:

- Plan and conduct original and applied research on cereal diseases to serve the need of industry.
- Identify research opportunities, propose research projects, and prepare and submit budget plans to funding agencies for approval.
- Provide professional service to other research teams internally and externally.
- Prepare progress and final reports for industry and funding agencies.
- Evaluate new knowledge of plant pathology and develop novel research methodology.
- Initiate, negotiate and maintain partnerships with targeted clients and with outside organizations.
- Distribute technical information through seminars, field days and the Internet to producers, industry and general public.
- Communicate results of work through publication in scientific journals, prepare reports for technical bulletins and make presentations at meetings and conferences nationally and internationally.
- Supervise technical staff and evaluate performance.
- Manage human and material resources allocated to the program and projects.
- Provide technical guidance and training to technical staff for routine operation.
- Involved in organizing training provided by outside organizations to update knowledge of recent development in relevant areas.
- Provide internal and external review of manuscripts submitted for publication in referred journals.
- Review research proposals submitted by internal staff or collaborative projects with other research institutes for management of funding approval.

- Make advice and recommendation regarding disease reactions for variety registration and participate on the Disease Committee for Prairie Recommending Committee for Oat and Barley (PRCOB).

Education/Experience/Skills/Knowledge Required:

- PhD in a related field is preferred with a minimum of 5 - 7 years of experience in a similar field.
- Possess advanced knowledge of plant pathology, botany (physiology and histology) and microbiology.
- Possess an in-depth knowledge of field and laboratory research techniques related to etiology and host disease resistance.
- Have experience in statistics, data analysis, report writing, grant application writing, and computer software.
- Skills to present scientific papers at conferences and to present research results for extension work.
- Planning and organization skills to ensure that human and financial resources are for research activities in progress.
- Analytic and problem solving skills to work with producers and industry clients.

Conditions of Employment:

- Some work outside of regular College operating hours may be required.
- Must be physically able to participate in field work including setting up field tests, data collection, disease assessment, and disease surveys
- Current Criminal Reference check that is free of any offenses.

Please apply at <https://www.oldscollege.ca/about/join-the-team/index.html>

We thank all individuals for their interest in Olds College, only those selected for interviews will be contacted.

Olds College is committed to an equitable, diverse, and inclusive workplace. We welcome applications from all qualified persons. We encourage applications from women, Indigenous Peoples, racialized persons, persons with disabilities and persons of any sex, sexual orientation, gender identity or gender expression.